BRUHAT BANGALORE MAHANAGAR PALIKE

Project Division, Yelahanka Zone

SCHEDULE - B

Construction of Samudhaya Bhavan at Varadarajanagara and Construction of RO Plant and Drilling of Borewells with Pipeline in Ward No.11 Kuvempunagara

SNo	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
1	180.00	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications.	Cum	192.42	Rupees One Hundred Ninety Two And Paise Forty Two Only
2	180.00	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	131.64	Rupees One Hundred Thirty One And Paise Sixty Four Only
3	209.04	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	346.84	Rupees Three Hundred Forty Six And Paise Eighty Four Only
4	9.87	Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications.	Cum	2590.88	Rupees Two Thousand Five Hundred Ninety And Paise Eighty Eight Only
5	9.87	Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications.	Cum	3800.54	Rupees Three Thousand Eight Hundred And Paise Fifty Four Only
6	88.37	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5964.92	Rupees Five Thousand Nine Hundred Sixty Four And Paise Ninety Two Only
7	60.26	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	5131.52	Rupees Five Thousand One Hundred Thirty One And Paise Fifty Two Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
8	29.02	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Sqm	5679.67	Rupees Five Thousand Six Hundred Seventy Nine And Paise Sixty Seven Only
9	46.86	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Cum	120.11	Rupees One Hundred Twenty And Paise Eleven Only
10	209.04	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	155.65	Rupees One Hundred Fifty Five And Paise Sixty Five Only
11	49.96	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	7624.36	Rupees Seven Thousand Six Hundred Twenty Four And Paise Thirty Six Only
12	75.88	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 5175cum and fine aggregates @ 0.345cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto GF level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications.	Sqm	7803.29	Rupees Seven Thousand Eight Hundred Three And Paise Twenty Nine Only
13	45.53	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	558.87	Rupees Five Hundred Fifty Eight And Paise Eighty Seven Only
14	22.00	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	T	74278.97	Rupees Seventy Four Thousand Two Hundred Seventy Eight And Paise Ninety Seven Only
15	104.87	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	359.10	Rupees Three Hundred Fifty Nine And Paise Ten Only

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Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
16	170.00	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.32 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	448.56	Rupees Four Hundred Forty Eight And Paise Fifty Six Only
17	184.04	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications.	Sqm	313.75	Rupees Three Hundred Thirteen And Paise Seventy Five Only
18	202.96	Providing and removing centering height more than 3.5 mtrs, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.	Sqm	383.61	Rupees Three Hundred Eighty Three And Paise Sixty One Only
19	15.87	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification.	Sqm	830.95	Rupees Eight Hundred Thirty And Paise Ninety Five Only
20	45.53	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification.	Sqm	330.91	Rupees Three Hundred Thirty And Paise Ninety One Only
21	10.51	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification.	Sqm	582.15	Rupees Five Hundred Eighty Two And Paise Fifteen Only
22	263.42	Providing and constructing load bearing with solid concrete blocks having block density not less than 1800 kg/cum having a minimum avarage compressive strength of 4.00 Newton /sqmm conforming to I.S: 2185 (part-1): 2005 and constructed with CM 1:4 as per 2572:2005 including cost of materials, labour charges, scaffolding, curing hire charges of machinery etc., complete as per specifications - do - with solid concrete blocks of size 400 x 150 x 200 mm	Sqm	1148.37	Rupees One Thousand One Hundred Forty Eight And Paise Thirty Seven Only
23	44.68	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metalcoarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mexed, concrete laid I layers not exceeding 15 cms, thick, well compacted, in foundation, plinth and cills, including cost of all machinery, curing complete as per specifications.	Cum	6668.40	Rupees Six Thousand Six Hundred Sixty Eight And Paise Forty Only
24	0.21	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Cum	126057.44	Rupees One Lakh(s) Twenty Six Thousand Fifty Seven And Paise Forty Four Only

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Executive Engineer
Project Division
Yelahanka Zone

	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokan Reddy	
				In figures	In words
25	9.24	Providing and fixing in position fully paneled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)	Sqm	5690.39	Rupees Five Thous Six Hundred Nine And Paise Thirty N Only
26	34.80	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.	Mtr	477.98	Rupees Four Hundr Seventy Seven An Paise Ninety Eight O
27	9.45	Providing and fixing of factory made 30mm P.V.C rigid foam (FOREX) PANEL DOORS Rajashree made from MS tube of 19 guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/sealed to the styles and rails along with 5mm PVC, beading on all and either sides. The vertical tubes may be filled with suitable wood material to further enhance the screw holding capacity	Sqm	3088.47	Rupees Three Thousand Eighty Eig And Paise Forty Sev Only
28	24.75	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/rn, sides and top sections 1.3 mm. thick weight 0.659 kg/rn; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/rn, shutter interlock section 40rnmx26.7mm, 1.1mm thick, weight 0.469 kg/rn. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; glass for shutters fitted with rubber beading alums mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and t per speciations.	Sqm	4679.28	Rupees Four Thousand Six Hundre Seventy Nine And Paise Twenty Eight Only

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Executive Engir
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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
29	7.14	Providing, fabricating, assembling and fixing in position anodized aluminium partitions using sections in combination of plain, single grove and double grove as per requirements for the frames of overall size 101.6mm x 44.45mm, 3.l8mm.thick having section weight, plain sections 2.40kg/m single grove section 2.541kg/rn. and double grove section 2.683 kg/m and bottom member 114.3mmx44.45mm 3.18mm thick weight 2.646 kg/rn; aluminium louvres of size 77.6rnmx27.6rnm 1.7mm. thick section weight 0.483kg/rn; bottom portions provided with 12mm. thick prelaminated sheet both side of approved colour lamination exterior grade; aluminium sections of mat finish or glossy finish using section, spacing of vertical rnernber shall not exceed 0.6 m. c to c; sections are cut to the required lengths, joints mitered and corners grinded subdividing frames tennoned and rivetted to the frames, the assembled frame should be stiffened with corner angles stripped and fixed with screws, rawl plugs and teak wood gutties to R.C.C.columns or rnasonry on sides, R.C.C. lintels or bearns at top and floor at bottom, including cutting chistling and making good with cement mortar to match the surface, providing and fixing bottom panel	Sqm	5708.77	Rupees Five Thousand Seven Hundred Eight And Paise Seventy Seven Only
30	2.31	Providing, fabricating, assembling and fixing in position anodized aluminium shutters to the existing door frame in the partition using 47.62x44.45mm section thickness 3.18mm, weight 1.505kg/rn for vertical frame; 47.62x44.45 thickness of 3mm, weight 1.42kg/rn for top section, 49.91 mmx44.45mm with wall thickness 3mm, weight 1.495kg/rn for central rail; and 11 4.3mmx44.45mm thickness 3.18mm, weight 2.646kg/rn for bottom rail using aluminium sections anodized 12 to 15 microns and cut to length joint metred and corners grinded, the bottom rail and top rail hinged or pivoted, opening arrangements including providing and fixing standard approved accessories, such as aluminium handles, tower bolts, lock, pivots: hinges P.V.C. or rubber gasket, 12mm prelaminated sheets (Novopan) exterior grade of approved colour both sides same colour for bottom panel of maximum height 0.90rn and 5.5mm thick plain glass for top panel (Novopan and glass fixed with glazed clips 19mmx17.3mmx11 mm, 0.9mm thick, weight 0.124kg/rn; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky	Sqm	4869.25	Rupees Four Thousand Eight Hundred Sixty Nine And Paise Twenty Five Only
31	677.00	Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Kgs	95.60	Rupees Ninety Five And Paise Sixty Only
32	32.26	Providing and fixing 12.5mm to 25 mm expanded metal work of 14 gauge with Mathi or Nandi wood patties of 50 mm x 12 mm size, including two coats approved paint etc., complete. (Including cost of screws).	Sqm	1410.65	Rupees One Thousand Four Hundred Ten And Paise Sixty Five Only

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Executive Engine
Project Divis
Yelahanka Zo

	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
33	5.76	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10cms. c to c applying a priming coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4m x1.4m	Sqm	4942.78	Rupees Four Thousand Nine Hundred Forty Two And Paise Seventy Eight Only
34	7.50	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m.	Sqm	3507.62	Rupees Three Thousand Five Hundred Seven And Paise Sixty Two Only
35	3.00	Providing and fixing top covers made out of 20 guage M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting, materials, labour, HOM of machinery complete as per specifications.	Mtr	579.70	Rupees Five Hundred Seventy Nine And Paise Seventy Only
36	380.04	KSRB 15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.113/I.15.13 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	227.96	Rupees Two Hundred Twenty Seven And Paise Ninety Six Only
37	244.24	KSRB15-3-13: Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (P.114/I.15.21 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	236.54	Rupees Two Hundred Thirty Six And Paise Fifty Four Only
38	424.96	KSRB15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications (P.115/I.15.33 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	30.64	Rupees Thirty And Paise Sixty Four Only
39	463.70	KSRB 15-3.6 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.113/I.15.14 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	204.67	Rupees Two Hundred Four And Paise Sixty Seven Only

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Executive Engine
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Yelahanka Zo

	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
40	235.52	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thick (avg.) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. (P.109/I.14.58 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	4561.62	Rupees Four Thousand Five Hundred Sixty One And Paise Sixty Two Only
41	22.05	KSRB 14.14-6: Providing Ceramic tiles of size 30x30 cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing,complete asper specifications. Specification No. KBS(P.106 / I.14.36.2 PW,P & IWTD,SOUTHZONE-SR2016-17)	Sqm	1441.29	Rupees One Thousand Four Hundred Forty One And Paise Twenty Nine Only
42	67.74	KSRB 14-17.2: Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.. Specification No. KBS 14.16, 14.17 Colour glazed tiles 30x60cms 6mm thick with border of size 30x10cms. (P.106/I.14.41.2 PW, P & IWTD, SOUTH ZONE - SR 2016-17)	Sqm	1818.77	Rupees One Thousand Eight Hundred Eighteen And Paise Seventy Seven Only
43	202.68	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.109/I.14.62 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	1329.76	Rupees One Thousand Three Hundred Twenty Nine And Paise Seventy Six Only
44	424.96	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (P.117/I.15.51.2 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	110.30	Rupees One Hundred Ten And Paise Thirty Only

N.L Reddy

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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
45	463.70	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer (P.118/I.15.53.2 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	102.95	Rupees One Hundred Two And Paise Ninety Five Only
46	83.16	KSRB 15-1 8.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (P.121/I.15.73 PW, P & IWTD, SOUTH ZONE - SR 2016-17)	Sqm	35.54	Rupees Thirty Five And Paise Fifty Four Only
47	83.16	KSRB 15-18.2: Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (P.121/I.15.74 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	100.50	Rupees One Hundred And Paise Fifty Only
48	2.00	KSRB 11-5: Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I/M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.Specification No. KBS11(P.77/I.12.5PW,P&IWTD,SOUTH ZONE -SR 2016-17)	Pan	6287.25	Rupees Six Thousand Two Hundred Eighty Seven And Paise Twenty Five Only
49	2.00	KSRB 11-1: Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.79 / I.12.1 PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Pan	4296.90	Rupees Four Thousand Two Hundred Ninety Six And Paise Ninety Only
50	6.00	KSRB 11-11.5: Providing and fixing white vitreous china clay, flat back wash basin size 450 x 300mm with a single 15mm C.P brass pillar tap with0.1 / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.81/I.12.27 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Unit	3222.06	Rupees Three Thousand Two Hundred Twenty Two And Paise Six Only

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Executive Engine
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Yelahanka Zo

	antity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	6.00	KSRB 11-17.2: Providing and fixing C.P. brass towel rail 600mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications (P.83/I.12.46 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Unit	870.16	Rupees Eight Hundred Seventy And Paise Sixteen Only
52	6.00	KSRB 11-15.2: Providing and fixing 450mm dia circular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.82/I.12.40 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Unit	1061.36	Rupees One Thousand Sixty One And Paise Thirty Six Only
53	10.00	Providing 15cms x 10cms stoneware gully trap of approved quality and make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead). (P.88 / I.12.112.2 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Each	330.91	Rupees Three Hundred Thirty And Paise Ninety One Only
54	4.00	Providing and fixing 12.5cms x 7.5cms CI Nahani trap of approved make conforming to PSI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). (P.88/I.12.113.2 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Each	349.29	Rupees Three Hundred Forty Nine And Paise Twenty Nine Only
55	90.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal CD pipes (P.96/I.13.86.3 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	M	306.40	Rupees Three Hundred Six And Paise Forty Only
56	15.00	KSRB 13-6.2-2 : Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.2/13.3 (P.91/I.13.27 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Each	196.09	Rupees One Hundred Ninety Six And Paise Nine Only
57	36.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 20mm nominal OD pipes (P.96/I.13.85.2 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	M	165.45	Rupees One Hundred Sixty Five And Paise Forty Five Only

N.L Reddy

Executive Engineer
Project Division
Yelahanka Zone

Contractor

	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
58	2.00	KSRB 13-11.1: Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity). Specification No. KBS 13.22 (P.94/I.13.78 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Nos	10377.02	Rupees Ten Thousand Three Hundred Seventy Seven And Paise Two Only
59	4.00	KSRB 12-8.1 : Constructing brick masonry inspection chamber 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, CI cover withframe (light duty) 600x600mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. (P.73/I.11.50.1 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Nos	10973.88	Rupees Ten Thousand Nine Hundred Seventy Three And Paise Eighty Eight Only
60	30.00	KSRB 13-8.9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. KBS 13.2.15.2 / 13.9 (P.94/I.13.73.6 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	M	878.74	Rupees Eight Hundred Seventy Eight And Paise Seventy Four Only
61	12.00	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specification. (P.43/I.7.38 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm	7533.66	Rupees Seven Thousand Five Hundred Thirty Three And Paise Sixty Six Only
62	2.00	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc., complete (for RCC over head tank and G.L.S.R.) (P. No.23 I. No. 4.9) PHE SR. 2012-13	Each	2186.91	Rupees Two Thousand One Hundred Eighty Six And Paise Ninety One Only

N.L Reddy

Contractor

Executive Engine
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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	30.00	KSRB 8.6-7 : Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P.47/I.8.18 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Mtr	524.55	Rupees Five Hundred Twenty Four And Paise Fifty Five Only
64	1.00	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand Pump, MWS or P.W.S.S. by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metere in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrment and accessories to work site, engaging technical personal and labour required etc. (P.48/I.9.4) PHE SR 2012-13.	Each BW	2135.69	Rupees Two Thousand One Hundred Thirty Five And Paise Sixty Nine Only
65	50.00	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burdern upto 20 M. fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimu working of compressor for one hour (excluding cost of casing pipes, collars, cap etc.,) 0.00 to 50.00 mtrs	Rmtr	347.25	Rupees Three Hundred Forty Seven And Paise Twenty Five Only
66	50.00	50.00 to 100.00 mtrs	Rmtr	453.92	Rupees Four Hundred Fifty Three And Paise Ninety Two Only
67	50.00	100.00 to 150.00 mtrs	Rmtr	504.99	Rupees Five Hundred Four And Paise Ninety Nine Only
68	50.00	150.00 to 200.00 mtrs	Rmtr	533.36	Rupees Five Hundred Thirty Three And Paise Thirty Six Only
69	50.00	200.00 to 250.00 mtrs	Rmtr	617.33	Rupees Six Hundred Seventeen And Paise Thirty Three Only
70	50.00	250.00 to 300.00 mtrs	Rmtr	661.59	Rupees Six Hundred Sixty One And Paise Fifty Nine Only

N.L Reddy

Executive Engineer
Project Division
Yelahanka Zone

Contractor

	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
71	30.00	KSRB13-8 : Providing and fixing to wall, ceiling and floor,mediumdensity polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter 160mm with special flange, compression type fittings, wall clips,making good the wall, ceiling and floor including cost of all materials, labour charges,andHOM testingcompleteasperspecifications.SpecificationNo.KBS 13.2.15.1 / 13.9 for internal water supply connection.(P.95 -96 / I .N 13.70.7 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Rmtr	768.44	Rupees Seven Hundred Sixty Eight And Paise Forty Four Only
72	50.00	Supply of ISI Mark 175 mm nominal Bore, Plain end Steel casing Pipe - grade of Steel Fe 410 of wall thicjkness 5.4 mm thick confirming yo IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basis open herth electric or basis oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably 25.10kg/mtr. (Inclusive of all taxes and durties). Prices included Collar-medium duty (Material Component P.No.II/1.53)	Rmtr	1503.61	Rupees One Thousand Five Hundred Three And Paise Sixty One Only
73	20.00	Supplying PVC Pipes 10kg/sqm 250mmdia PVC (casing pipe) (P.No .XXXV / Sl.no.892 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19))	Rmtr	2500.41	Rupees Two Thousand Five Hundred And Paise Forty One Only
74	1.00	Providing 175mm dia Bore Cap & Clamp Set (P.No. XLVII / Sl.no.17 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Set	2042.64	Rupees Two Thousand Forty Two And Paise Sixty Four Only
75	10.00	Providing 175mm dia M.S Collar (P.No.III/I.86) PHE S.R.2012-13	Each	170.22	Rupees One Hundred Seventy And Paise Twenty Two Only
76	1.00	Supply and delivery at sire brand new submersible PUMPSET suitable for borewell of 150mm dia and having declared duty conditions as detailed below and satisfying performance characteristic for pump and motor as declared by Bureau of Indian Standards. The pump should confirm to IS:8034-1976 (with all its latest amendments) and should bear the ISI certification mart IS 8034-1976. The pumpset should consist of bronze impellers. Discharge: 7500 Iph, Head: 102.88 mts, 15.00 HP30 Stage Atalanta, Suguna, CRI KIRLOSKAR and other equipment pump 15.00 HP / 11 KW (30 stages) (P.No. XLII / Sl.no.43 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)	Set	72057.53	Rupees Seventy Two Thousand Fifty Seven And Paise Fifty Three Only
77	380.00	Submersible Cables: Supply and delevery brand New best make PVC insulated cable of flat 3 core (Sheathed) of nominal cross sectional area to IS: 694-1977 with latest amendments and ISI mark 1x3x6.00 Sq mm (P.No. XLVII / Sl.no.8 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Rmtr	163.41	Rupees One Hundred Sixty Three And Paise Forty One Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	1.00	Supply and delivery of Brand New gate Valve of 50mm dia size confirming to IS: 778-1984 with latest amendments with ISI mark (P.No. XLVII / Sl.no.15 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Each	2042.64	Rupees Two Thousand Forty Two And Paise Sixty Four Only
79	1.00	Supply and delivery of Brand New best make non return valve of 50mm dia size confirming to IS: 10805-1986 with latest amendments with ISI mark (P.No. XLVII / Sl.no.16 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Each	2042.64	Rupees Two Thousand Forty Two And Paise Sixty Four Only
80	170.00	Supply, Installation testing and commissioning of approved make heavytubes (Class 'C') confirming to as per IS1239 Part - I (25mm Nominalbore 4.05mm thick @ 2.97 Kg/m, 32mm Nominal bore 4.05mm thick@ 3.84 Kg/m,40mm Nominal bore 4.05mm thick @ 4.43 Kg/m,50mmNominal bore 4.47mm thick @ 6.17 Kg/m, 65mm Nominal bore 4.47mmthick @ 7.90 Kg/m, 80mm Nominal bore 4.85mm thick @ 10.10 Kg/m,100mm Nominal bore5.40mm thick @ 14.40 Kg/m,150mm Nominal bore5.40mm thick @ 21.20 Kg/m, Such as Tees elbows check nuts unions,Flanger, Nipples etc. including cutting welding, Trending fixing on walls,ceiling (Using 41-Tech pipe/M.S.angle supports work includes two coatsof metal primer and two coats of Red enamel paint etc.including cost ofmaterials, labour, HOM complete as per specifications. (P.371 / I .N 40.120.6 PW, P &IWTD,BENGALURU CIRCLE - SR 2018-19)	Rmtr	1217.00	Rupees One Thousand Two Hundred Seventeen Only
81	1.00	Meter and Panel Board: Supply and delivery of meter and panel board unit one number of MS box of size 300 x 120mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for mounting the CTS(if any) cutouts 3 phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. b. Panel Board (15HP) One number of cubicle type of control panel board to operate on 50c/400/400v (P.No. XLVII / Sl.no.12 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19	Each	17589.40	Rupees Seventeen Thousand Five Hundred Eighty Nine And Paise Forty Only
82	1.00	Commissioning of work of pumpset including aligning and balancing with all necessary erection of material and labour including supply and erection of two pair of supporting clamps. One borewell cap, cable clips and water tight gland cable protectors, bolts nuts, valves and gauges etc., all job including fixing sluice valve, non return valve etc., and connecting deliver side of pumpset to rising main etc., complete	Each	5106.60	Rupees Five Thousand One Hundred Six And Paise Sixty Only
83	1.00	Supplying & Fixing 50mm G.I. Union (P.No .XXXIX / PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Nos	253.85	Rupees Two Hundred Fifty Three And Paise Eighty Five Only
84	1.00	Supplying & Fixing 50mm Elbow (P.No .XXX I X / PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Nos	126.87	Rupees One Hundred Twenty Six And Paise Eighty Seven Only
85	1.00	Supplying & Fixing 50mm G I Nipple (P.No .XXX I X / PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Nos	118.36	Rupees One Hundred Eighteen And Paise Thirty Six Only

N.L Reddy

Contractor

Executive Engine
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		Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	1.00	Supplying & Fixing 50mm Collar (P.No .XXX I X / PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Nos	116.88	Rupees One Hundred Sixteen And Paise Eighty Eight Only
87	20000.00	Fabricating supplying and mounting MS box made out... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. (P 49/I.6.40 ELE SR 2014-15)	Sq.cms	0.42	Rupees And Paise Forty Two Only
88	6.00	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.(32.9a) (P 49/I.6.39 ELE SR 2014-15)	Mtr	383.56	Rupees Three Hundred Eighty Three And Paise Fifty Six Only
89	1.00	Supplying of TPST with rewirableporcelain channels in SM enclosure. (P 44/I.6.5 ELE SR 2014-15)	Each	2119.81	Rupees Two Thousand One Hundred Nineteen And Paise Eighty One Only
90	1.00	Supply and fixing polished wood board made of not less than 15mmthick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc. (P 44/I.6.6 ELE SR 2014-15)	Each	342.71	Rupees Three Hundred Forty Two And Paise Seventy One Only
91	1.00	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C. (P 48/I.6.36 ELE SR 2014-15)	Each	501.58	Rupees Five Hundred One And Paise Fifty Eight Only
92	1.00	Supplying fully automatic star-delta starter unit push buttontypewith suitablewires,3contactors,oneadjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor.(P 44/I.6.2 ELE SR 2014-15)	Each	9388.20	Rupees Nine Thousand Three Hundred Eighty Eight And Paise Twenty Only
93	1.00	Supplying and fixing single phase preve_nterusing necessary wires over an existing panel board suitable for motor up to 20 HP capacities. (P 44/I.6.3 ELE SR 2014-15)	Each	871.53	Rupees Eight Hundred Seventy One And Paise Fifty Three Only
94	20.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Coppers with low conductorresistance single core cable in open or concealed system of wiring with specified IS 694: 1990 & confirmining to GTP of GROUP-A (P 44/I.2.5 ELE SR 2014-15)	Mtr	47.78	Rupees Forty Seven And Paise Seventy Eight Only
95	4.00	Supplying,fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machinery.Cost per KVAR (P 48/I.6.35 ELE SR 2014-15)	KVAR	469.81	Rupees Four Hundred Sixty Nine And Paise Eighty One Only

N. L Reddy

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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	1.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF,energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 (P 47/I.6.16 ELE SR 2014-15)	Each	2196.97	Rupees Two Thousand One Hundred Ninety Six And Paise Ninety Seven Only
97	1.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia (P 55/I.7.1 ELE SR 2014-15)	No	3094.60	Rupees Three Thousand Ninety Four And Paise Sixty Only
98	6.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. (P 62/I.7.12 ELE SR 2014-15)	Mtr	391.51	Rupees Three Hundred Ninety One And Paise Fifty One Only
99	30.00	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. (P 55/I.7.4 ELE SR 2014-15)	Mtr	159.33	Rupees One Hundred Fifty Nine And Paise Thirty Three Only
100	30.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. (P61 / I.7.8 ELE-SR 2014.15)	Mtr	12.26	Rupees Twelve And Paise Twenty Six Only
101	30.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) (P 61 / I.7.9 ELE-SR 2014-15)	Mtr	120.29	Rupees One Hundred Twenty And Paise Twenty Nine Only
102	1.00	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. (P 62 / I.7.13 ELE-SR 2014-15)	Each	317.74	Rupees Three Hundred Seventeen And Paise Seventy Four Only
103	6.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.(P 44 / I.6.7 ELE-SR 2014-15)	Each	265.54	Rupees Two Hundred Sixty Five And Paise Fifty Four Only
104	27.36	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the cement concrete road.. (P.269/ I .N 37.40 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19))	Cum	825.18	Rupees Eight Hundred Twenty Five And Paise Eighteen Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
105	54.72	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (P.6/I.2.4 PW, P & IWTD, BENGALURU CIRCLE - SR 2018-19)	Cum	540.10	Rupees Five Hundred Forty And Paise Ten Only
106	152.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 50mm nominal OD pipes (P.98/ I .N 13.85.6 PW, PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Mtr	559.34	Rupees Five Hundred Fifty Nine And Paise Thirty Four Only
107	68.40	KSRB 2-4: Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications. (P.7/ I 2.11 PW,P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Cum	91.42	Rupees Ninety One And Paise Forty Two Only
108	13.68	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.13/I.4.6 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Cum	6522.06	Rupees Six Thousand Five Hundred Twenty Two And Paise Six Only
109	4.00	KSRB 13-7.1-5 : Providing and fixing in position 65mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.10 / 13.13(P.No 95 / Sl.No.13.56 PW, P & IWTD,BENGALURU CIRCLE - SR 2018-19)	Nos	2078.59	Rupees Two Thousand Seventy Eight And Paise Fifty Nine Only

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	Quantity	Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
110	1.00	Providing Reverse Osmosis System to cover 2000 liters of High TDS TECHNICAL Specifications, Feed Water : 5000LPH, Treated Water : 3000LPH, Reject Water : 2000LPH, RAW WATER PUMP, Purpose :- To feed the Dual Media Filter at pressure more than 2.0 bars, which is min. operating pressure for filter ? , SAND MEDIA FILTER, Purpose :- to remove the total suspended solids, dirt,iron and reduce silt density index which can foul the members. ACTIVATED CARBON FILTER, Purpose:- To remove the total color, smell, odor, from the water. MICRON FILTER, Purpose:- To remove the fine particles up to 05 microns and reduce silt density levels to acceptable level. HIGH PRESSURE PUMP, Purpose:- To feed the reversw Osmosis Membrane at pressure more than the osmotic pressure taking into cosideration flux rate,flow and recovery, RO MEMBRANES, Purpose:- To remove the major part of TDS into 98% by Reverse Osmosis Membranes arranged and designed to give adequate flow and recovery. RO CLEANSING SYSTEM. ELECTRICAL PANEL, Purpose:- A Control panel is provided as a safety measure for the pumps & other electrical items Specifications, INSTRUMENTATION,	Nos	919188.00	Rupees Nine Lakh(s) Nineteen Thousand One Hundred Eighty Eight Only
111	20.00	Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using copper PVC insulated multi strand 2x1.5 Sq mm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet.Short point-up to 3 Mtrs from tapping point to out let via switch.	Point	197.46	Rupees One Hundred Ninety Seven And Paise Forty Six Only
112	20.00	Medium point above 3 Mtrs up to 6 Mtrs from tapping point to out let via switch	Point	278.03	Rupees Two Hundred Seventy Eight And Paise Three Only
113	20.00	Long point above 6 Mtrs up to 10 Mtrs from tapping point to out let via switch	Point	411.93	Rupees Four Hundred Eleven And Paise Ninety Three Only
114	40.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal / PVC box.(P.16/I.3.6.1 PWD,ELE -SR 2014-15)	No	123.69	Rupees One Hundred Twenty Three And Paise Sixty Nine Only
115	40.00	Supplying 6A flush/projected type socket and 6 amps flush/projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. 6 Amps 2 Way (P.15/I.3.1.1 PWD,ELE -SR 2014-15)	No	144.12	Rupees One Hundred Forty Four And Paise Twelve Only
116	40.00	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (P.16/I.3.5.6 PWD,ELE -SR 2014-15)	No	195.19	Rupees One Hundred Ninety Five And Paise Nineteen Only
117	#######	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F. screws. (P.17/I.3.10 PWD,ELE -SR 2014-15)	Sqcm	0.25	Rupees And Paise Twenty Five Only

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		Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	120.00	Supplying heavy gauge PVC conduit pipe 20mm dia confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.(P.2/I.1.1.1 PWD,ELE -SR 2014-15)	Rmtr	61.28	Rupees Sixty One And Paise Twenty Eight Only
119	3.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.33 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia.(P.55/I.7.1 PWD,ELE -SR 2014-15)	Each	3094.60	Rupees Three Thousand Ninety Four And Paise Sixty Only
120	30.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete. 32 AMPS (P.45/I.6.7.2 PWD,ELE -SR 2014-15)	Each	204.26	Rupees Two Hundred Four And Paise Twenty Six Only
121	30.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF,energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required. (P.47/I.6.16.1 PWD,ELE -SR 2014-15)	Each	220.15	Rupees Two Hundred Twenty And Paise Fifteen Only
122	30.00	Supply and fixing of bakelite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches. 16 Amps Combined switch and socket with indication (P.15/I.3.3.4PWD,ELE -SR 2014-15)	Each	220.15	Rupees Two Hundred Twenty And Paise Fifteen Only
123	30.00	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.20/I.4.2 PWD,ELE -SR 2014-15)	Nos	99.86	Rupees Ninety Nine And Paise Eighty Six Only
124	400.00	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 4.00 Sqmm materials P.6/I.2.5.4 PWD,ELE -SR 2014-15)	Rmtr	47.78	Rupees Forty Seven And Paise Seventy Eight Only
125	400.00	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 2.50 Sqmm materials (P.6/I.2.5.3 PWD,ELE -SR 2014-15)	Rmtr	33.14	Rupees Thirty Three And Paise Fourteen Only
126	10.00	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame. (P.109/I.17.11 PWD,ELE -SR 2014-15)	Nos	771.66	Rupees Seven Hundred Seventy One And Paise Sixty Six Only

Contractor

Executive Engineer
Project Division
Yelahanka Zone

		Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	10.00	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply. (P.78/I.9.1 PWD,ELE -SR 2014-15)	Nos	1929.16	Rupees One Thousand Nine Hundred Twenty Nine And Paise Sixteen Only
128	10.00	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition.GF -LED modular down light 1'x1'-36 watts	Each	7950.41	Rupees Seven Thousand Nine Hundred Fifty And Paise Forty One Only
129	20.00	LED modular down light 2'x2'-55 watts	Each	10523.00	Rupees Ten Thousand Five Hundred Twenty Three Only
130	15.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. 12"x12"x2"	Each	173.62	Rupees One Hundred Seventy Three And Paise Sixty Two Only
131	15.00	15"x12"x2"	Each	200.86	Rupees Two Hundred And Paise Eighty Six Only
132	15.00	20"x20"x2.5"	Each	342.71	Rupees Three Hundred Forty Two And Paise Seventy One Only
133	60.00	Supplying and fixing PVC/metal conduit Deep junction box (P.2/I.1.5 PWD,ELE -SR 2014-15)	Each	73.76	Rupees Seventy Three And Paise Seventy Six Only
134	60.00	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. (P.3/I.1.7 PWD,ELE -SR 2014-15)	Mtr	23.83	Rupees Twenty Three And Paise Eighty Three Only
135	4.00	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings confirming to IS8828. (P.46/I.6.2 PWD,ELE -SR 2014-15)	Each	13451.92	Rupees Thirteen Thousand Four Hundred Fifty One And Paise Ninety Two Only

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Contractor

		Item Name	Unit	Approved Rates of Sri. N Lokanath Reddy	
				In figures	In words
	00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) (P.61/I.7.9 PWD,ELE - SR 2014-15)	Mtr	120.29	Rupees One Hundred Twenty And Paise Twenty Nine Only
	80.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV. (P.62/I.7.12 PWD,ELE -SR 2014-15)	Mtr	391.51	Rupees Three Hundred Ninety One And Paise Fifty One Only
	80.00	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. (P.55/I.7.4 PWD,ELE -SR 2014-15)	Mtr	159.33	Rupees One Hundred Fifty Nine And Paise Thirty Three Only
39	14.00	Supplying Capacitor type ceiling fan complete with down rod blades shackle canopies etc for operation on 230volts 50cycles single phase AC supply confirming to ISS-374-1979 and with double ball bearing system 56" Sweep (1400mm) (P.78/I.9.3.2.1 PWD ELE - SR 2014-15)	Each	2743.95	Rupees Two Thousand Seven Hundred Forty Three And Paise Ninety Five Only
140	14.00	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.109/I.17.9 PWD,ELE -SR 2014-15)	Nos	268.95	Rupees Two Hundred Sixty Eight And Paise Ninety Five Only
141	2.00	Supplying and Installing 1.00HP / 75 KW 10Stage Submersible Single Phase Motor (P.XXXXIV / I.1 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Set	14298.48	Rupees Fourteen Thousand Two Hundred Ninety Eight And Paise Forty Eight Only
142	2.00	Meter and Panel Board: Supply and delivery of meter and panel board unit one number of MS box of size 300 x 120mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for mounting the CTS(if any) cutouts 3 phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. b. Panel Board (1.00HP) One number of cubicle type of control panel board to operate on 50c/400/400v	Each	1554.68	Rupees One Thousand Five Hundred Fifty Four And Paise Sixty Eight Only

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6/3/19

Contractor
P/L Reddy